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21 JUL 1986

MEMORANDUM FOR: Director of Information Technology

FROM: John M. Ray
Director of Logistics

SUBJECT: Personal Computers in Headquarters

Ed:

1. Discussions with numerous Agency components and a review of purchase orders indicate that there will be a large influx of personal computers into the Headquarters Building. Since all new equipment draws electrical power and creates additional heat load, the Facilities Management Division, Office of Logistics (FMD/OL) is continually assessing the existing capacity of the electrical vaults and the cooling systems to support current and projected future demands.

2. It is my understanding that the new secure telephone system at Headquarters will also serve as the data link between personal computer terminals and the Office of Information Technology's (OIT) mainframe. Since this provides those who have a secure phone line with the capability of connecting to a terminal, the potential power and cooling demands could significantly surpass the current Headquarters capacity.

3. Planning of all logistical functions for the move, occupancy, and operation of the New Headquarters Building, along with backfill, upgrade, and operation of the existing Headquarters Building, is being consolidated into an Integrated Logistics Support Plan. The facilities management section of this plan tracks the projection of all future utilities demands. To ensure that our projections are as accurate as possible, I would appreciate information on the Agency's computer growth and personal computers in particular. It would be extremely helpful if the size and location of the projected requirements could be identified.

4. With one of the existing power vaults in Headquarters already overloaded, it is possible that a large increase in demand for personal computers could not be supported by the existing utility support system. Your assistance in projecting demands will help FMD plan for the long-term utility needs for the Headquarters Building. Would you please designate an OIT representative to provide the desired information to [redacted] Chief/FMD/OL on extension [redacted]

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John M. Ray

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